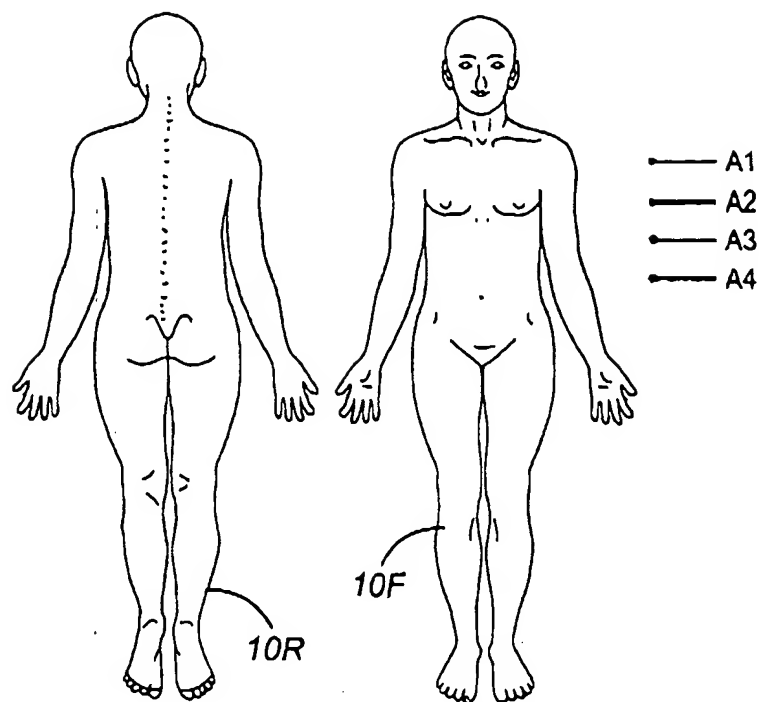
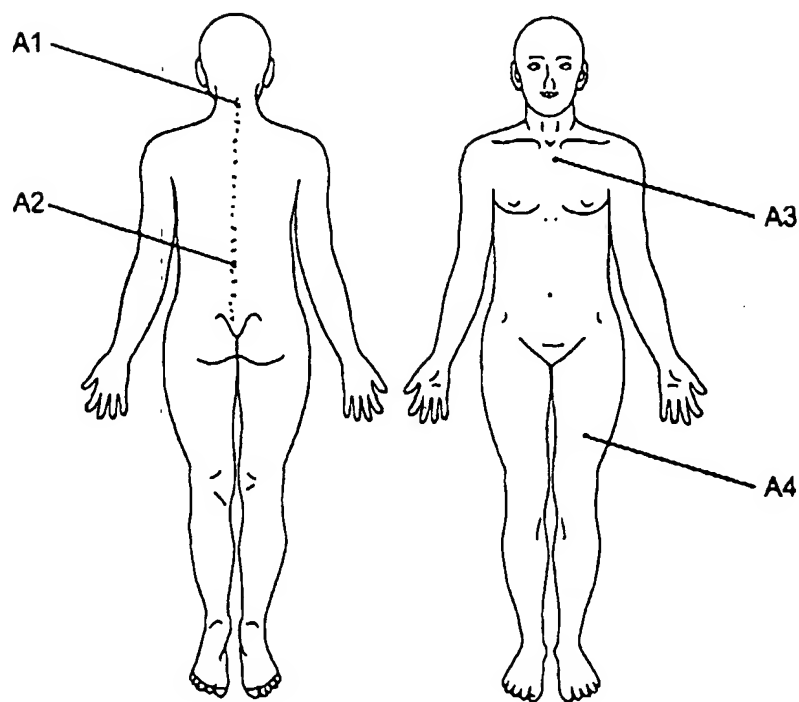
**FIG. 1**

[illegible]

FIG. 2

**FIG. 3A****FIG. 3B**

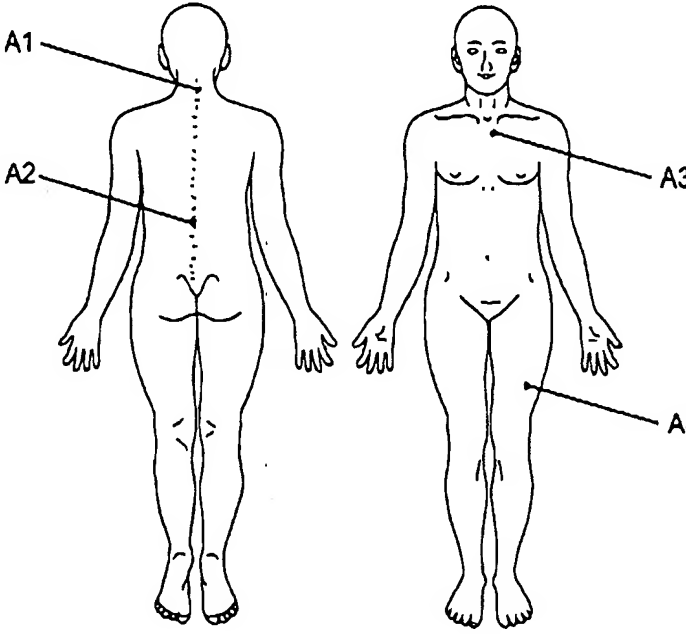
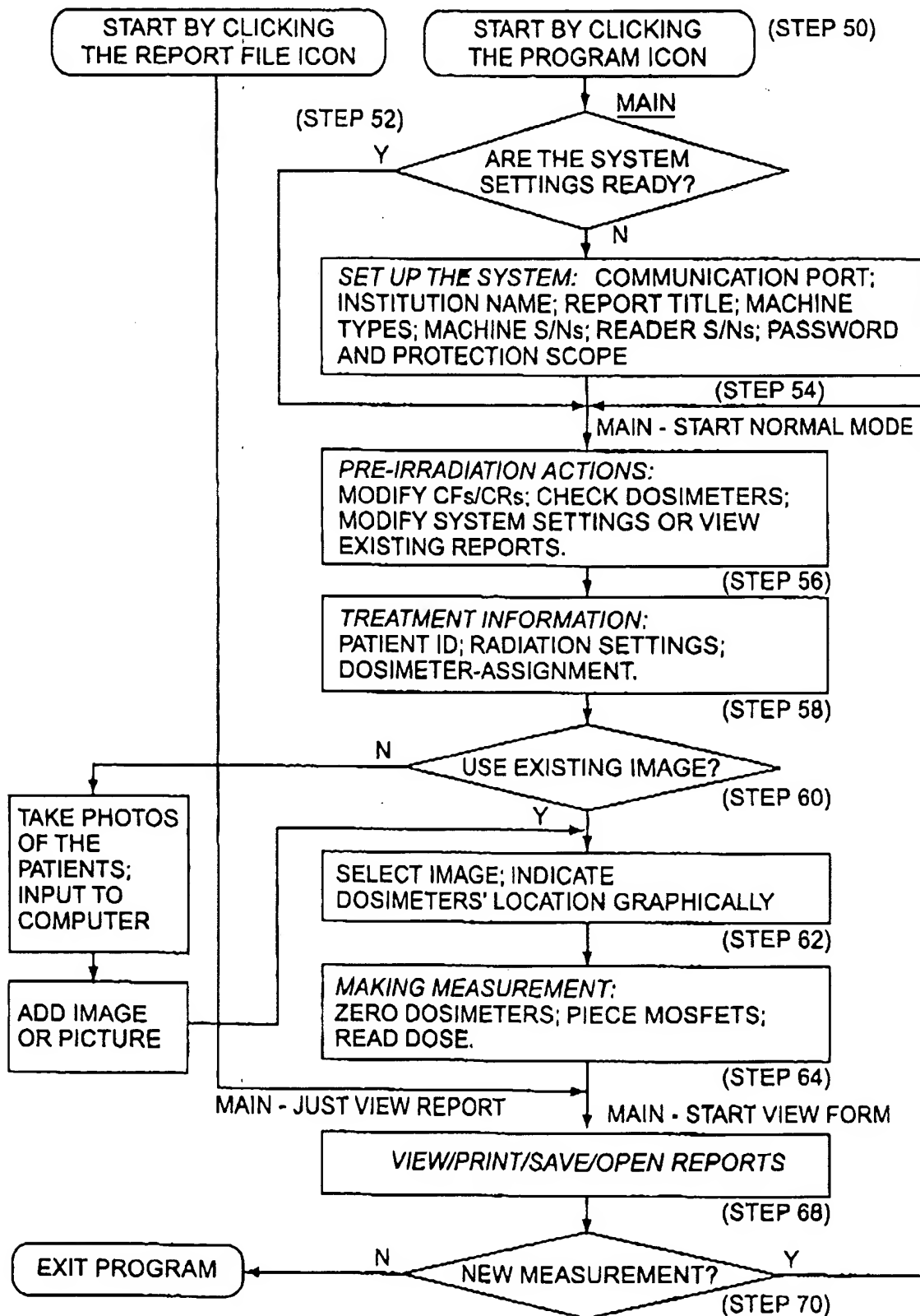
<h2 style="margin: 0;">DOSIMETRY REPORT</h2>		
Patient Name : John Smith		Registry # : 123456789
Time / Date : 14:28 / Oct 10 2000		Gender : M
Fraction : 2nd	Gantry Angle : 90 deg.	Field Size : 10 x 10
Wedges : None	SSD : 90 cm	Machine Type : Linac
Block : Yes	MU : 100	Machine S/N : 345
Energy : 8 MV	Collimation : None	Reader S/N : 381
<div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="flex: 1;"></div><div style="flex: 1; padding-left: 20px;"><p style="text-align: right; margin-bottom: 10px;"><u>DOSE</u> <u>Deviation</u></p><p>A1 : A2 : A3 : A4 :</p><p><u>Dosimeters' Sites & Target Dose:</u> A1 @ Rear Neck; Target = 50 cGy A2 @ Lower Back; Target = 40 cGy A3 @ Chest; Target = 100 cGy A4 @ L thigh; Target = 40 cGy</p></div></div>		
<p>(Image: #0)</p>		
<p>Comments : All doses in specification</p>		
<div style="display: flex; justify-content: space-between;"><div>Operator _____</div><div>Date _____</div></div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"><div>Reviewed by _____</div><div>Date _____</div></div>		

FIG. 4

FLOWCHART OF HOW TO USE TN-DOSE REPORTER SOFTWARE V2.3**FIG. 5**

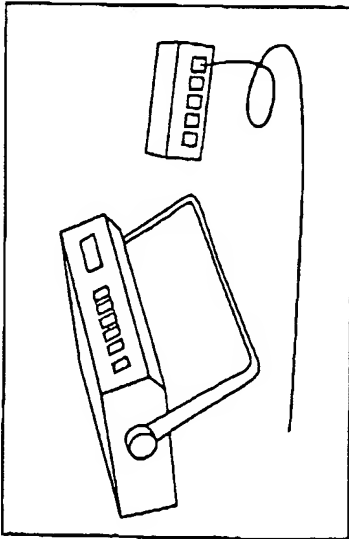
TN - DOSE REPORTER V2.31

Setting Up The System

Institution Name

Report Title

DOSIMETRY REPORT



Communication

Serial Port : COM 1

You must tell the program which serial port is used to communicate with TN-RD-50 Reader.

If in doubt, follow these steps :

(1) : Ensure that the TN-RD-50 Reader has been connected to this computer.

(2) : Choose one port from the

Password Protection

At Present, No Password Has Been Set.

Setting Password

List of Readers' S/N

Input new S/N here.

Add Remove

List of Machine Type

Input new type here.

Add Remove

List of Machine S/N

Input new S/N here.

Add Remove

To accept the current settings, click 'Apply'.
Otherwise, click 'Cancel'.

Cancel Modify Apply OK

2000-10-02

FIG. 6A

TN - DOSE REPORTER V2.31

☐ ☐ ☐ ☐

Step 1: Pre-Irradiation

Current Action: Check Dosimeters

Reader's Messages

☐ Show All ☐ Hide
☒ Show Recent

SETUP

UNIT:

LOCATION:

ENERGY:

SSD:

GANTRY ANGLE:

COLLIMATION:

FIELD SIZE:

EXPOSURE:

06:50:55 2000-10-02

ZERO DOSIMETERS

B1 TOTAL: 12.638 mV

B2 TOTAL: 17.417 mV

B3 TOTAL: 17.221 mV

B4 TOTAL: 113 mV

B5

Calibrating Parameters		Print	Dosimeter Checking Records		Clear
Dosimeter	CF	CR	Time	Total Voltage	Notes
A1	01.00 mVcGy	1.000			
A2	01.00 mVcGy	1.000			
A3	01.00 mVcGy	1.000			
A4	01.00 mVcGy	1.000			
A5	01.00 mVcGy	1.000			
B1	01.00 mVcGy	1.000	08:50:55	TOTAL: 12.638 mV	
B2	01.00 mVcGy	1.000	08:50:55	TOTAL: 17.417 mV	
B3	01.00 mVcGy	1.000	08:50:55	TOTAL: 17.221 mV	
B4	01.00 mVcGy	1.000	08:50:55	TOTAL: 113 mV	
B5	01.00 mVcGy	1.000			
C1	01.00 mVcGy	1.000			
C2	01.00 mVcGy	1.000			
C3	01.00 mVcGy	1.000			
C4	01.00 mVcGy	1.000			
C5	01.00 mVcGy	1.000			
D1	01.00 mVcGy	1.000			
D2	01.00 mVcGy	1.000			
D3	01.00 mVcGy	1.000			
D4	01.00 mVcGy	1.000			
D5	01.00 mVcGy	1.000			

2000-10-02

To check dosimeters, connect the corresponding Bias Supply to the Reader, and press the Reader's START button (or ZERO button) for 1 second.

Cancel

Finish

Next Step

Exit

FIG. 6B

TN - DOSE REPORTER V2.31

☐ Patient #1
☐ Patient #2
☐ Patient #3
☐ Patient #4

Step 2: Treatment Info.

Patient Count = 4

Current Patient: #1
John Smith

Dosimeter - Assigning Table		
Dosimeter	Patient	Site of Dosimeter
A1		
A2		
A3		
A4		
A5		
B1	#1	Site 1
B2	#1	Site 2
B3	#1	Site 3
B4	#1	Site 4
B5	#1	Site 5
C1		
C2		
C3		
C4		
C5		
D1		
D2		
D3		
D4		
D5		

Treatment Information for Patient #1 Show Picture

< Patient Information >

First Name: John

Last Name: Smith

Registry #: 12345678

Gender (M/F): M

< Radiation Settings >

Energy: 18 MV

SSD: 90 cm

Gantry Angle: 0 deg.

Collimation: N/A

Field Size: 10 x10

MU: 100

Import Existing Treatment Info

< Treatment Plan Ref. >

Fraction: 1

Wedges: None

Block: None

Radiation Machine

Type: Linac

S/N: 456

TN-RD-50 Reader

S/N: 278

Please fill in the treatment information for the current patient.
To assign (or cancel) dosimeters, click on the 'Dosimeter' column.
To indicate the sites of dosimeters graphically, click on 'Show Picture'.

2000-10-02

Back to Step 1

Apply

Cancel

Exit

FIG. 6C

☐ TN - DOSE REPORTER V2.31

Step 2: Treatment Info.

☒ Patient #1
 ☐ Patient #2
 ☐ Patient #3
 ☐ Patient #4

Patient Count = 4

Current Patient: #1

John Smith

Treatment Information for Patient #1

Hide Picture

Dosimeter - Assigning Table

Dosimeter	Patient	Site of Dosimeter	Target Dose
A1			
A2			
A3			
A4			
A5			
B1	#1	Site 1	100 cGy
B2	#1	Site 2	100 cGy
B3	#1	Site 3	100 cGy
B4	#1	Site 4	100 cGy
B5	#1	Site 5	100 cGy
C1			
C2			
C3			
C4			
C5			
D1			
D2			
D3			
D4			
D5			

2000-10-02

To change image, double click on the current image.
 Right click the image for a menu of available image-operations.

FIG. 6D

☐ TN - DOSE REPORTER V2.31
☐ ☐ ☐ ☐

Step 3: Measuring Dose

Reader's Messages

☒ Show All ☐ Hide
☐ Show Recent

09:01:49 2000-10-02

B3 DOSE: 100 cGy

B3 TOTAL: 17.212 mV

09:01:51 2000-10-02

B4 DOSE: 100 cGy

B4 TOTAL: 113 mV

09:01:53 2000-10-02

B5 DOSE:

B5 TOTAL:

Records of Measurement							Clear
Dosimeter	Patient & Site	Time	Voltage	Dose	Target	Deviation	
A1							
A2							
A3							
A4							
A5							
B1	#1, Site 1	09:01:42	N/A	100 cGy	100 cGy	0 %	
B2	#1, Site 2	09:01:47	N/A	105 cGy	100 cGy	5 %	
B3	#1, Site 3	09:01:49	N/A	100 cGy	100 cGy	0 %	
B4	#1, Site 4	09:01:51	N/A	100 cGy	100 cGy	0 %	
B5	#1, Site 5	09:01:53	N/A	102 cGy	100 cGy	2 %	
C1							
C2							
C3							
C4							
C5							
D1							
D2							
D3							
D4							
D5							

Recording is ongoing. Connect Reader to BIAS SUPPLY(S), then press its 'READ' button(s).
Click on 'Stop' when measurement finished.

Back to Step
Record
Stop

2000-10-02

Exit

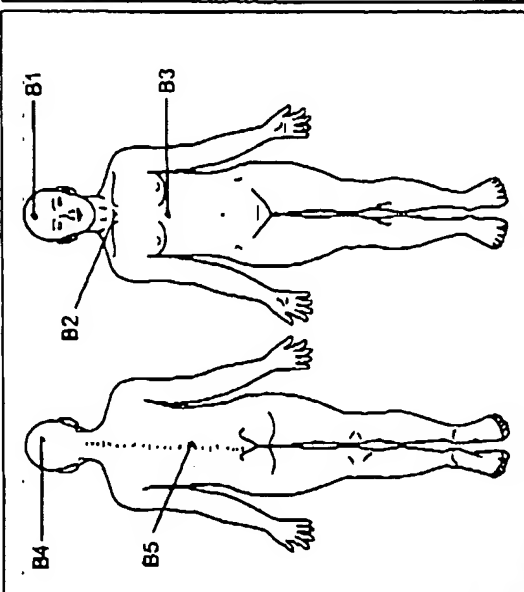
FIG. 6E

TN - DOSE REPORTER V2.31

☐ Patient #1
☐ Patient #2
☐ Patient #3
☐ Patient #4
☐ Others

Step 4: Viewing/Printing Reports

The Current Report is of Patient #1



Report Summary

Patient Name : John Smith
 Registry # : 12345678
 Gender : M
 Image : #0
 Finish Time : 09:02 / Oct 02 2000

Dosimeter B1 :	Site @ Site 1	Dose = 100 cGy	Deviation = 0 %
Dosimeter B2 :	Site @ Site 2	Dose = 105 cGy	Deviation = 5 %
Dosimeter B3 :	Site @ Site 3	Dose = 100 cGy	Deviation = 0 %
Dosimeter B4 :	Site @ Site 4	Dose = 100 cGy	Deviation = 0 %
Dosimeter B5 :	Site @ Site 5	Dose = 102 cGy	Deviation = 2 %

Comments:

Doses within target tolerances.

2000-10-02

Click Here To Start A New Measurement

< Back

Print

Save

Open

Exit

FIG. 6F

DOSIMETER-CHECKING RECORDS

CALIBRATION PARAMETERS

TN - DOSE REPORTER V2.31
ACTION SELECTION AREA

Step 1: Pre-Irradiation

Current Action: Check Dosimeters

Reader's Messages

☐ Show All ☐ Hide

☒ Show Recent

SETUP

UNIT:

LOCATION:

ENERGY:

SSD:

GANTRY ANGLE:

COLLIMATION:

FIELD SIZE:

EXPOSURE:

08:50:55 2000-10-02

ZERO DOSIMETERS

B1 TOTAL: 12.638 mV

B2 TOTAL: 17.417 mV

B3 TOTAL: 17.221 mV

B4 TOTAL: 113 mV

B5

Calibrating Parameters		Print		Dosimeter Checking Reports		Clear	
Dosimeter	CF	CR	Time	Total Voltage	Notes		
A1	01.00 mVcGy	1.000					
A2	01.00 mVcGy	1.000					
A3	01.00 mVcGy	1.000					
A4	01.00 mVcGy	1.000					
A5	01.00 mVcGy	1.000					
B1	01.00 mVcGy	1.000	08:50:55	TOTAL: 12.638 mV			
B2	01.00 mVcGy	1.000	08:50:55	TOTAL: 17.417 mV			
B3	01.00 mVcGy	1.000	08:50:55	TOTAL: 17.221 mV			
B4	01.00 mVcGy	1.000	08:50:55	TOTAL: 113 mV			
B5	01.00 mVcGy	1.000					
C1	01.00 mVcGy	1.000					
C2	01.00 mVcGy	1.000					
C3	01.00 mVcGy	1.000					
C4	01.00 mVcGy	1.000					
C5	01.00 mVcGy	1.000					
D1	01.00 mVcGy	1.000					
D2	01.00 mVcGy	1.000					
D3	01.00 mVcGy	1.000					
D4	01.00 mVcGy	1.000					
D5	01.00 mVcGy	1.000					

To check dosimeters, connect the corresponding Bias Supply to the Reader, and press the Reader's START button (or ZERO button) for 1 second.

2000-10-02

Cancel Finish Next Step

Exit

MESSAGE WINDOW

ON-SCREEN PROMPTS

FIG. 7A

☐ TN - DOSE REPORTER V2.31

CHECKED WHEN INPUTTING IS FINISHED

PATIENT SELECTION

Step 2: Treatment Info.

Treatment Information for Patient #1 Show Picture

< Patient Information >

First Name:

Last Name:

Registry #:

Gender (M/F):

< Radiation Settings >

Energy:

SSD:

Gantry Angle:

Cotillation:

Field Size:

MU:

Import Existing Treatment Info

< Treatment Plan Rel. >

Fraction:

Wedges:

Block:

Radiation Machine

Type:

S/N:

TN-RD-50 Reader

S/N:

Patient Count =

Current Patient: #1

John Smith

☒ Patient #1
☐ Patient #2
☐ Patient #3
☐ Patient #4

Dosimeter - Assigning Table

Dosimeter	Patient	Site of Dosimeter	Target Dose
A1			
A2			
A3			
A4			
A5			
B1	#1	Site 1	100 cGy
B2	#1	Site 2	100 cGy
B3	#1	Site 3	100 cGy
B4	#1	Site 4	100 cGy
B5	#1	Site 5	100 cGy
C1			
C2			
C3			
C4			
C5			
D1			
D2			
D3			
D4			
D5			

☒ Patient #1
☐ Patient #2
☐ Patient #3
☐ Patient #4

Please fill in the treatment information for the current patient.
To assign (or cancel) dosimeters, click on the 'Dosimeter' column.
To indicate the sites of dosimeters graphically, click on 'Show Picture'.

2000-10-02

Exit

FIG. 7B

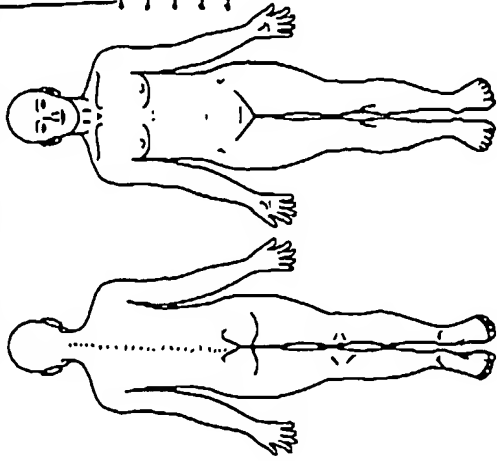
□ TN - DOSE REPORTER V2.31

POINTER

DOSIMETER LABEL

Step 2: Treatment Info.

Treatment Information of Patient #1 Picture



Print

Patient Count = 4

Current Patient: #1
John Smith

☒ Patient #1
☐ Patient #2
☐ Patient #3
☐ Patient #4

Dosimeter - Assigning Table			
Dosimeter	Patient	Site of Dosimeter	Target Dose
A1			
A2			
A3			
A4			
A5			
B1	#1	Site 1	100 cGy
B2	#1	Site 2	100 cGy
B3	#1	Site 3	100 cGy
B4	#1	Site 4	100 cGy
B5	#1	Site 5	100 cGy
C1			
C2			
C3			
C4			
C5			
D1			
D2			
D3			
D4			
D5			

To change image, double click on the current image.
Right click the image for a menu of available image-operations.

2000-10-02

Back to Step 1

Apply

Cancel

Exit

FIG. 7C

PREVIEW
WINDOW OF
STANDARD -
IMAGES

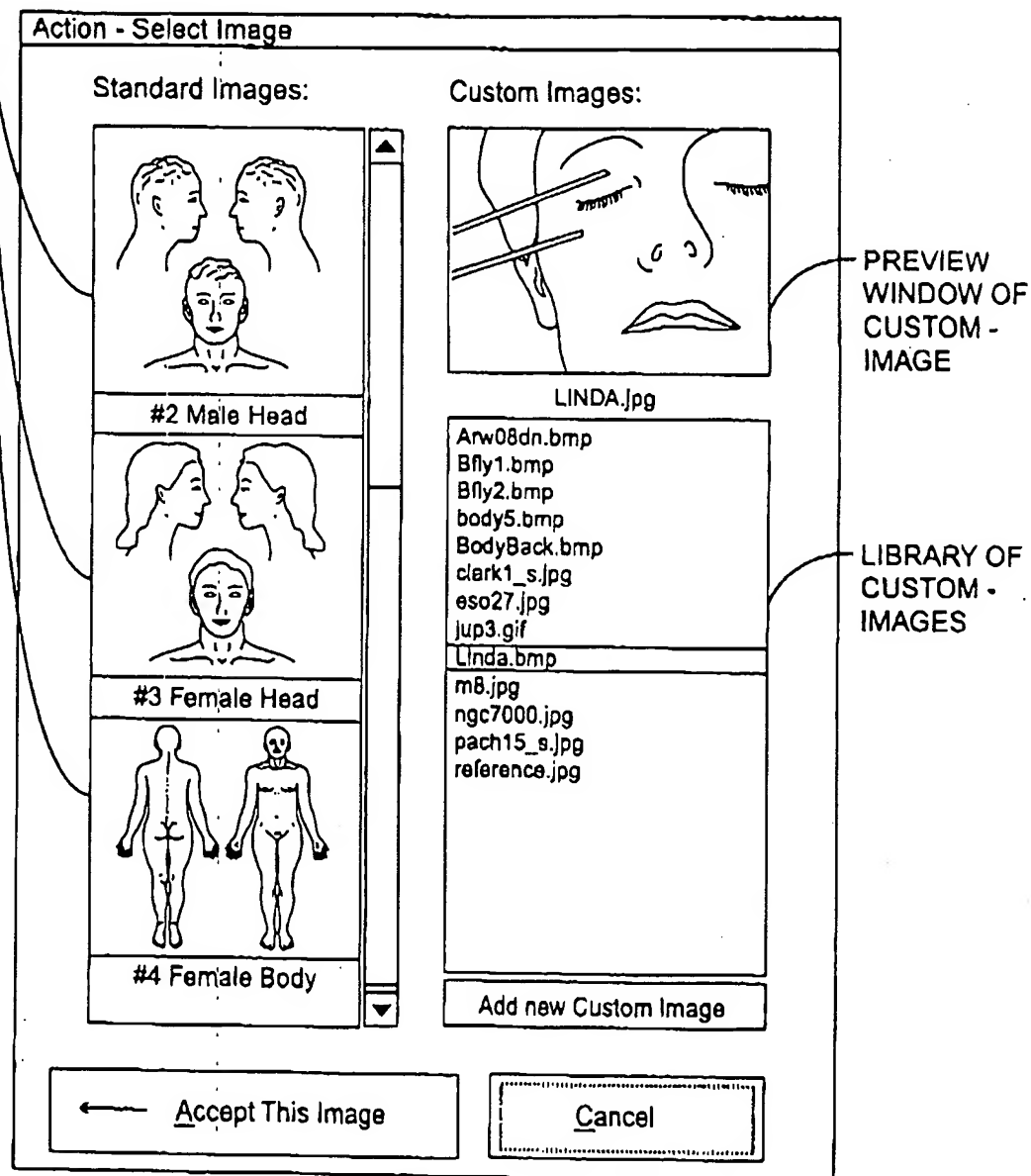


FIG. 7D

TN - DOSE REPORTER V2.31

☐ ☐ ☐ ☐

Step 3: Measuring Dose

Reader's Messages

☐ Show All ☐ Hide
☒ Show Recent

09:01:50 2000-10-02

B3 DOSE: 100 cGy

B3 TOTAL: 17,212 mV

09:01:51 2000-10-02

B4 DOSE: 100 cGy

B4 TOTAL: 113 mV

09:01:53 2000-10-02

B5 DOSE:

B5 TOTAL:

Records of Measurement							Clear
Dosimeter	Patient & Site	Time	Voltage	Dose	Target	Deviation	
A1							
A2							
A3							
A4							
A5							
B1	#1, Site 1	09:01:42	N/A	100 cGy	100 cGy	0 %	
B2	#1, Site 2	09:01:47	N/A	100 cGy	100 cGy	5 %	
B3	#1, Site 3	09:01:49	N/A	100 cGy	100 cGy	0 %	
B4	#1, Site 4	09:01:51	N/A	100 cGy	100 cGy	0 %	
B5	#1, Site 5	09:01:53	N/A	102 cGy	100 cGy	2 %	
C1							
C2							
C3							
C4							
C5							
D1							
D2							
D3							
D4							
D5							

Recording is ongoing. Connect Reader to BIAS SUPPLY(s), then press its READ button(s).
Press 'Stop' when measurement finished.

2000-10-02

Back to Step

Record

Stop

Exit

FIG. 7E

☐ TN - DOSE REPORTER V2.31

Step 4: Viewing/Printing Reports

The Current Report is of Patient #1

☒ Patient #1
☐ Patient #2
☐ Patient #3
☐ Patient #4
☐ Others

Report Summary

Patient Name : John Smith
 Registry # : 12345678
 Gender : M
 Image : #0
 Finish Time : 09:02 / Oct 02 2000

Dosimeter	Site	Target Dose	Dose	Deviation
Dosimeter B1 :	Site @ Site 1	Target Dose = 100 cGy	Dose = 100 cGy	Deviation = 0 %
Dosimeter B2 :	Site @ Site 2	Target Dose = 100 cGy	Dose = 105 cGy	Deviation = 5 %
Dosimeter B3 :	Site @ Site 3	Target Dose = 100 cGy	Dose = 100 cGy	Deviation = 0 %
Dosimeter B4 :	Site @ Site 4	Target Dose = 100 cGy	Dose = 100 cGy	Deviation = 0 %
Dosimeter B5 :	Site @ Site 5	Target Dose = 100 cGy	Dose = 102 cGy	Deviation = 2 %

Click Here To Start A New Measurement

Back Print Save Open

Exit

Comments:

Doses within target tolerances.

2000-10-02

FIG. 7F